



# Chickens and Eggs

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## November Egg Production Up 4 Percent

United States egg production totaled 9.50 billion during November 2019, up 4 percent from last year. Production included 8.32 billion table eggs, and 1.17 billion hatching eggs, of which 1.09 billion were broiler-type and 87.9 million were egg-type. The average number of layers during November 2019 totaled 402 million, up 2 percent from last year. November egg production per 100 layers was 2,364 eggs, up 2 percent from November 2018.

Total layers in the United States on December 1, 2019 totaled 403 million, up 2 percent from last year. The 403 million layers consisted of 341 million layers producing table or market type eggs, 58.9 million layers producing broiler-type hatching eggs, and 3.55 million layers producing egg-type hatching eggs. Rate of lay per day on December 1, 2019, averaged 78.6 eggs per 100 layers, up 1 percent from December 1, 2018.

## Egg-Type Chicks Hatched Up 2 Percent

Egg-type chicks hatched during November 2019 totaled 47.9 million, up 2 percent from November 2018. Eggs in incubators totaled 47.9 million on December 1, 2019, down 5 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 198 thousand during November 2019, down 18 percent from November 2018.

## Broiler-Type Chicks Hatched Up 4 Percent

Broiler-type chicks hatched during November 2019 totaled 795 million, up 4 percent from November 2018. Eggs in incubators totaled 709 million on December 1, 2019, up 2 percent from a year ago.

Leading breeders placed 8.17 million broiler-type pullet chicks for future domestic hatchery supply flocks during November 2019, up 3 percent from November 2018.

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### Average Layers During the Month – United States: 2018-2019

Month	2018		2019	
	(1,000 layers)		(1,000 layers)	
December <sup>1</sup> .....		388,256		392,577
January .....		388,368		394,789
February .....		390,282		399,559
March .....		392,585		403,680
April .....		392,319		402,489
May .....		391,773		397,737
June .....		391,581		392,692
July .....		390,626		390,484
August .....		390,726		391,826
September .....		391,745		394,257
October .....		392,492		397,842
November .....		394,987		401,657

<sup>1</sup> December previous year.

### Egg Production During the Month by Type – United States: 2018-2019

Month	Total eggs		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December <sup>1</sup> .....	9,252.0	9,435.6	8,106.1	8,259.1	1,145.9	1,176.5
January .....	9,132.1	9,456.6	7,983.3	8,275.4	1,148.8	1,181.2
February .....	8,278.0	8,599.6	7,226.9	7,516.5	1,051.1	1,083.1
March .....	9,243.3	9,626.7	8,070.2	8,424.3	1,173.1	1,202.4
April .....	8,932.3	9,325.6	7,785.1	8,160.0	1,147.2	1,165.6
May .....	9,251.8	9,559.4	8,055.8	8,346.3	1,196.0	1,213.1
June .....	8,965.7	9,164.5	7,798.2	7,990.8	1,167.5	1,173.7
July .....	9,239.2	9,408.5	8,035.5	8,200.4	1,203.7	1,208.1
August .....	9,304.6	9,453.6	8,106.1	8,253.9	1,198.5	1,199.7
September .....	9,052.4	9,191.7	7,898.8	8,034.7	1,153.6	1,157.0
October .....	9,369.8	9,651.0	8,185.2	8,446.6	1,184.6	1,204.4
November .....	9,170.9	9,495.7	8,024.2	8,322.0	1,146.7	1,173.7

<sup>1</sup> December previous year.

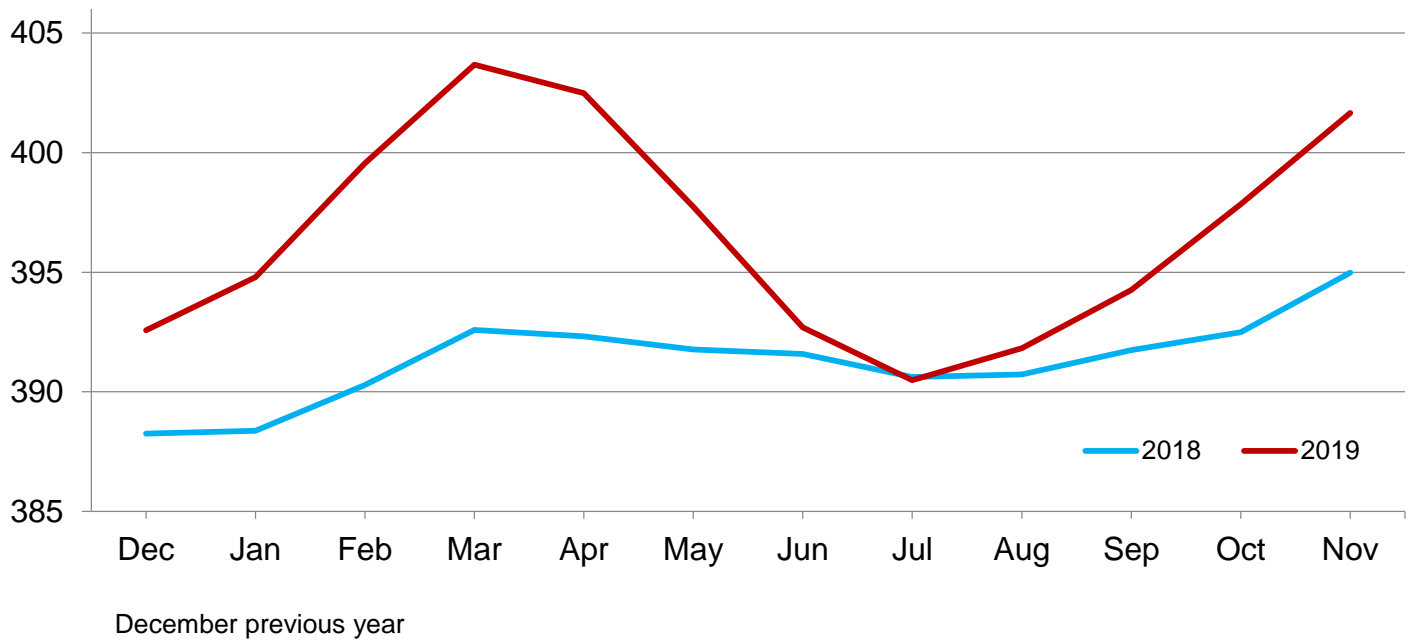
### Egg Production During the Month in Dozens by Type – United States: 2018-2019

Month	Total eggs		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
December <sup>1</sup> .....	771,000.5	786,299.9	675,508.4	688,258.4	95,492.1	98,041.5
January .....	761,008.4	788,050.4	665,275.0	689,617.1	95,733.4	98,433.3
February .....	689,833.4	716,633.1	602,241.7	626,374.9	87,591.7	90,258.2
March .....	770,275.4	802,224.9	672,517.0	702,025.0	97,758.4	100,199.9
April .....	744,358.6	777,133.0	648,758.7	679,999.9	95,599.9	97,133.1
May .....	770,983.3	796,616.6	671,316.9	695,525.0	99,666.4	101,091.6
June .....	747,142.1	763,708.5	649,850.4	665,900.2	97,291.7	97,808.3
July .....	769,933.8	784,041.3	669,625.3	683,366.7	100,308.5	100,674.6
August .....	775,383.4	787,799.8	675,508.8	687,825.1	99,874.6	99,974.7
September .....	754,366.7	765,974.8	658,233.4	669,558.0	96,133.3	96,416.8
October .....	780,817.0	804,249.6	682,100.2	703,883.2	98,716.8	100,366.4
November .....	764,242.0	791,307.8	668,683.5	693,499.8	95,558.5	97,808.0

<sup>1</sup> December previous year.

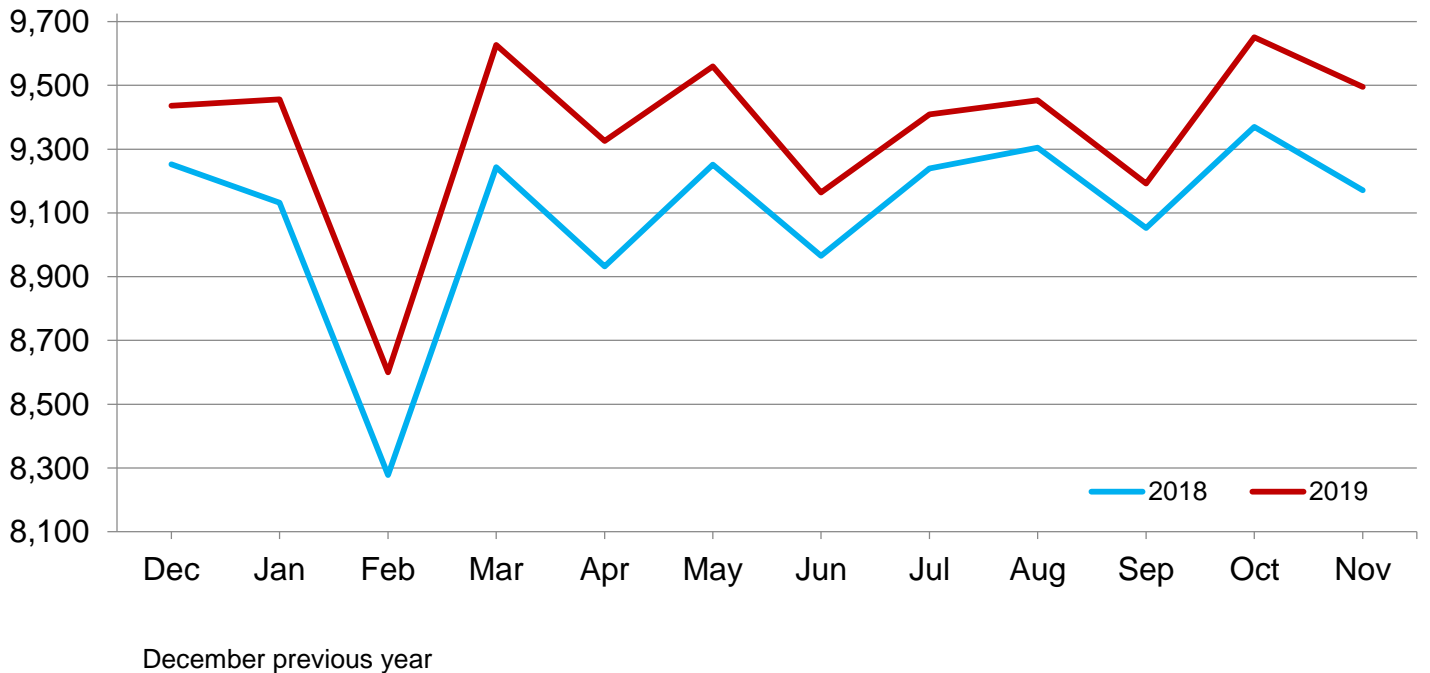
## Average Layers During the Month – United States

Million layers



## Total Egg Production During the Month – United States

Million eggs



**Layers on Hand and Eggs Produced by Type and Molt – United States:  
October-November 2018 and 2019**

Item	2018	2019	2019 as percent of 2018
<b>Layers during October</b>			
Total layers ..... 1,000	392,492	397,842	101
Table egg type ..... 1,000	331,574	335,707	101
Hatching egg type ..... 1,000	60,918	62,135	102
Broiler-type hatching ..... 1,000	57,551	58,585	102
Egg-type hatching ..... 1,000	3,367	3,550	105
<b>Eggs per 100 layers during October</b>			
Total layers ..... number	2,387	2,426	102
Table egg type ..... number	2,469	2,516	102
Hatching egg type ..... number	1,945	1,938	100
Broiler-type hatching ..... number	1,910	1,903	100
Egg-type hatching ..... number	2,536	2,521	99
<b>Eggs produced during October</b>			
Total layers ..... million	9,369.8	9,651.0	103
Table egg type ..... million	8,185.2	8,446.6	103
Hatching egg type ..... million	1,184.6	1,204.4	102
Broiler-type hatching ..... million	1,099.2	1,114.9	101
Egg-type hatching ..... million	85.4	89.5	105
<b>Eggs produced during October</b>			
Total layers ..... 1,000 dozen	780,817.0	804,249.6	103
Table egg type ..... 1,000 dozen	682,100.2	703,883.2	103
Hatching egg type ..... 1,000 dozen	98,716.8	100,366.4	102
Broiler-type hatching ..... 1,000 dozen	91,600.1	92,908.1	101
Egg-type hatching ..... 1,000 dozen	7,116.7	7,458.3	105
<b>Layers on November 1</b>			
Total layers ..... 1,000	393,060	400,279	102
Table egg type ..... 1,000	332,115	337,810	102
Hatching egg type ..... 1,000	60,945	62,469	103
Broiler-type hatching ..... 1,000	57,670	58,912	102
Egg-type hatching ..... 1,000	3,275	3,557	109
<b>Eggs per 100 layers on November 1</b>			
Total layers ..... number	77.1	78.9	102
Table egg type ..... number	79.7	82.0	103
Hatching egg type ..... number	62.7	62.4	100
Broiler-type hatching ..... number	61.5	61.2	100
Egg-type hatching ..... number	82.4	83.3	101
<b>Molted layers on November 1</b>			
Being molted ..... percent	1.6	1.5	94
Molt completed ..... percent	14.9	13.3	89
Layers sold for slaughter during October ..... 1,000	14,067.9	12,780.0	91
Layers rendered, died, destroyed, composted or disappeared for any reason during October ..... 1,000	11,204.4	11,152.0	100
Pullets on November 1 ..... 1,000	125,753	124,255	99
Pullets added during October <sup>1</sup> ..... 1,000	27,902.9	27,367.0	98

<sup>1</sup> Pullet chicks less than 3 days old added to pullet flocks.

**Layers on Hand and Eggs Produced by Type and Molt – United States:  
November-December 2018 and 2019**

Item	2018	2019	2019 as percent of 2018
<b>Layers during November</b>			
Total layers ..... 1,000	394,987	401,657	102
Table egg type ..... 1,000	334,041	339,180	102
Hatching egg type ..... 1,000	60,946	62,477	103
Broiler-type hatching ..... 1,000	57,718	58,919	102
Egg-type hatching ..... 1,000	3,228	3,558	110
<b>Eggs per 100 layers during November</b>			
Total layers ..... number	2,322	2,364	102
Table egg type ..... number	2,402	2,454	102
Hatching egg type ..... number	1,882	1,879	100
Broiler-type hatching ..... number	1,846	1,843	100
Egg-type hatching ..... number	2,519	2,470	98
<b>Eggs produced during November</b>			
Total layers ..... million	9,170.9	9,495.7	104
Table egg type ..... million	8,024.2	8,322.0	104
Hatching egg type ..... million	1,146.7	1,173.7	102
Broiler-type hatching ..... million	1,065.4	1,085.8	102
Egg-type hatching ..... million	81.3	87.9	108
<b>Eggs produced during November</b>			
Total layers ..... 1,000 dozen	764,242.0	791,307.8	104
Table egg type ..... 1,000 dozen	668,683.5	693,499.8	104
Hatching egg type ..... 1,000 dozen	95,558.5	97,808.0	102
Broiler-type hatching ..... 1,000 dozen	88,783.4	90,483.3	102
Egg-type hatching ..... 1,000 dozen	6,775.1	7,324.7	108
<b>Layers on December 1</b>			
Total layers ..... 1,000	396,870	403,007	102
Table egg type ..... 1,000	335,942	340,536	101
Hatching egg type ..... 1,000	60,928	62,471	103
Broiler-type hatching ..... 1,000	57,753	58,920	102
Egg-type hatching ..... 1,000	3,175	3,551	112
<b>Eggs per 100 layers on December 1</b>			
Total layers ..... number	77.7	78.6	101
Table egg type ..... number	80.4	81.5	101
Hatching egg type ..... number	62.7	62.7	100
Broiler-type hatching ..... number	61.5	61.6	100
Egg-type hatching ..... number	85.8	81.4	95
<b>Molted layers on December 1</b>			
Being molted ..... percent	1.1	0.9	82
Molt completed ..... percent	14.6	13.0	89
Layers sold for slaughter during November ..... 1,000	14,169.1	13,501.6	95
Layers rendered, died, destroyed, composted or disappeared for any reason during November ..... 1,000	10,106.9	11,100.1	110
Pullets on December 1 ..... 1,000	124,135	123,030	99
Pullets added during November <sup>1</sup> ..... 1,000	28,335.6	28,484.0	101

<sup>1</sup> Pullet chicks less than 3 days old added to pullet flocks.

## Layers on Hand and Eggs Produced – States and United States: During October 2018 and 2019

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2018	2019	2018	2019	2018	2019
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama .....	1,376	1,455	9,535	9,937	1,933	1,955
Arkansas .....	4,201	(D)	14,444	14,446	2,069	2,065
California .....	13,846	12,763	14,580	13,395	2,543	2,473
Colorado .....	4,555	4,602	5,096	5,115	2,584	2,612
Florida <sup>1</sup> .....	6,993	(NA)	7,427	(NA)	2,262	(NA)
Georgia .....	8,929	9,206	19,662	19,466	2,142	2,159
Illinois .....	5,598	5,996	6,166	6,580	2,454	2,596
Indiana .....	33,046	33,596	34,286	34,832	2,430	2,435
Iowa .....	56,815	55,740	58,543	57,550	2,421	2,540
Kentucky <sup>2</sup> .....	(NA)	(D)	(NA)	5,725	(NA)	2,227
Maryland .....	2,560	2,401	2,766	2,605	2,542	2,499
Michigan .....	15,569	14,189	15,845	14,483	2,468	2,507
Minnesota .....	10,201	10,142	10,692	10,646	2,505	2,531
Mississippi .....	1,430	(D)	5,519	5,651	2,172	2,152
Missouri .....	7,716	7,508	12,594	12,605	2,442	2,553
Nebraska .....	7,849	8,699	8,097	9,267	2,553	2,511
New York .....	4,979	5,074	5,523	5,606	2,502	2,542
North Carolina .....	4,750	7,029	12,821	15,542	2,118	2,179
Ohio .....	32,247	35,004	33,438	36,210	2,469	2,525
Oklahoma <sup>2</sup> .....	(NA)	(D)	(NA)	2,957	(NA)	2,002
Oregon .....	2,105	2,111	2,298	2,304	2,594	2,704
Pennsylvania .....	25,891	26,881	28,445	29,420	2,513	2,580
South Carolina .....	3,211	2,649	4,486	3,951	2,245	2,111
South Dakota .....	2,696	2,795	2,751	2,850	2,621	2,716
Texas .....	17,723	(D)	22,269	22,410	2,371	2,302
Utah .....	4,395	4,508	4,447	4,560	2,579	2,667
Virginia .....	879	934	2,644	2,625	2,114	2,427
Washington .....	6,918	6,532	7,083	6,695	2,640	2,574
Wisconsin .....	6,141	6,232	7,222	7,331	2,368	2,594
Other States <sup>3</sup> .....	23,717	26,934	33,813	33,078	2,339	2,392
United States .....	316,336	320,237	392,492	397,842	2,387	2,426

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Includes data for States not published in this table.



## Layers on Hand and Eggs Produced – States and United States: During November 2018 and 2019

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2018	2019	2018	2019	2018	2019
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama .....	1,356	1,421	9,688	9,963	1,853	1,888
Arkansas .....	4,280	(D)	14,608	14,707	2,045	1,997
California .....	13,954	12,693	14,701	13,307	2,403	2,392
Colorado .....	4,609	4,760	5,147	5,273	2,499	2,520
Florida <sup>1</sup> .....	6,913	(NA)	7,348	(NA)	2,327	(NA)
Georgia .....	9,390	9,368	20,001	19,636	2,126	2,129
Illinois .....	5,811	5,677	6,379	6,254	2,331	2,454
Indiana .....	33,372	34,208	34,569	35,483	2,391	2,414
Iowa .....	56,630	56,262	58,330	58,035	2,363	2,443
Kentucky <sup>2</sup> .....	(NA)	(D)	(NA)	5,700	(NA)	2,179
Maryland .....	2,597	2,536	2,800	2,736	2,486	2,420
Michigan .....	15,718	14,668	16,003	14,962	2,433	2,456
Minnesota .....	10,384	9,459	10,894	9,933	2,404	2,404
Mississippi .....	1,433	(D)	5,572	5,626	2,120	2,121
Missouri .....	7,554	7,333	12,475	12,467	2,438	2,491
Nebraska .....	8,031	8,536	8,307	9,128	2,444	2,469
New York .....	5,059	5,250	5,613	5,783	2,407	2,502
North Carolina .....	5,256	7,368	13,290	15,873	2,046	2,133
Ohio .....	32,049	35,417	33,246	36,625	2,354	2,503
Oklahoma <sup>2</sup> .....	(NA)	(D)	(NA)	2,889	(NA)	1,925
Oregon .....	2,099	2,090	2,292	2,283	2,452	2,510
Pennsylvania .....	26,023	28,249	28,619	30,830	2,451	2,494
South Carolina .....	3,115	2,610	4,391	3,940	2,241	2,069
South Dakota .....	2,630	2,700	2,685	2,755	2,562	2,642
Texas .....	18,003	(D)	22,463	22,264	2,338	2,241
Utah .....	4,561	4,541	4,613	4,593	2,443	2,615
Virginia .....	924	924	2,724	2,655	2,203	2,399
Washington .....	6,783	6,676	6,948	6,839	2,527	2,519
Wisconsin .....	6,191	6,689	7,272	7,784	2,222	2,474
Other States <sup>3</sup> .....	23,942	27,203	34,009	33,334	2,250	2,343
United States .....	318,667	323,710	394,987	401,657	2,322	2,364

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Includes data for States not published in this table.

## Egg Production by Type – States and United States: October 2018 and 2019

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama .....	184.3	194.3	35.4	39.2	148.9	155.1
Arkansas .....	298.8	298.3	115.3	(D)	183.5	(D)
California .....	370.7	331.2	(D)	(D)	(D)	(D)
Colorado .....	131.7	133.6	(D)	(D)	(D)	(D)
Florida <sup>1</sup> .....	168.0	(NA)	163.3	(NA)	4.7	(NA)
Georgia .....	421.1	420.3	215.3	224.5	205.8	195.8
Illinois .....	151.3	170.8	147.2	167.1	4.1	3.7
Indiana .....	833.1	848.3	817.4	832.9	15.7	15.4
Iowa .....	1,417.6	1,461.6	1,396.8	1,441.1	20.8	20.5
Kentucky <sup>2</sup> .....	(NA)	127.5	(NA)	(D)	(NA)	(D)
Maryland .....	70.3	65.1	68.8	63.4	1.5	1.7
Michigan .....	391.0	363.1	(D)	(D)	(D)	(D)
Minnesota .....	267.8	269.4	261.9	262.7	5.9	6.7
Mississippi .....	119.9	121.6	37.7	(D)	82.2	(D)
Missouri .....	307.5	321.8	(D)	284.0	(D)	37.8
Nebraska .....	206.7	232.7	202.3	220.9	4.4	11.8
New York .....	138.2	142.5	(D)	(D)	(D)	(D)
North Carolina .....	271.5	338.7	121.9	181.1	149.6	157.6
Ohio .....	825.5	914.3	(D)	(D)	(D)	(D)
Oklahoma <sup>2</sup> .....	(NA)	59.2	(NA)	(D)	(NA)	(D)
Oregon .....	59.6	62.3	59.6	62.3	-	-
Pennsylvania .....	714.9	758.9	683.3	730.5	31.6	28.4
South Carolina .....	100.7	83.4	78.0	60.6	22.7	22.8
South Dakota .....	72.1	77.4	72.1	77.4	-	-
Texas .....	528.0	515.8	(D)	(D)	(D)	(D)
Utah .....	114.7	121.6	114.7	121.6	-	-
Virginia .....	55.9	63.7	25.9	33.8	30.0	29.9
Washington .....	187.0	172.3	(D)	(D)	(D)	(D)
Wisconsin .....	171.0	190.2	(D)	184.8	(D)	5.4
Other States <sup>3</sup> .....	790.9	791.1	653.4	713.0	137.5	78.1
United States .....	9,369.8	9,651.0	8,185.2	8,446.6	1,184.6	1,204.4

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Not published separately to avoid disclosing individual operations.

## Egg Production by Type – States and United States: November 2018 and 2019

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama .....	179.5	188.1	35.0	37.2	144.5	150.9
Arkansas .....	298.7	293.7	119.6	(D)	179.1	(D)
California .....	353.2	318.3	(D)	(D)	(D)	(D)
Colorado .....	128.6	132.9	(D)	(D)	(D)	(D)
Florida <sup>1</sup> .....	171.0	(NA)	166.9	(NA)	4.1	(NA)
Georgia .....	425.3	418.0	227.0	228.4	198.3	189.6
Illinois .....	148.7	153.5	144.8	150.1	3.9	3.4
Indiana .....	826.7	856.5	811.9	841.3	14.8	15.2
Iowa .....	1,378.5	1,418.0	1,357.9	1,397.3	20.6	20.7
Kentucky <sup>2</sup> .....	(NA)	124.2	(NA)	(D)	(NA)	(D)
Maryland .....	69.6	66.2	68.2	64.7	1.4	1.5
Michigan .....	389.3	367.5	(D)	(D)	(D)	(D)
Minnesota .....	261.9	238.8	255.8	232.3	6.1	6.5
Mississippi .....	118.1	119.3	38.0	(D)	80.1	(D)
Missouri .....	304.1	310.5	(D)	273.9	(D)	36.6
Nebraska .....	203.0	225.4	198.0	213.4	5.0	12.0
New York .....	135.1	144.7	(D)	(D)	(D)	(D)
North Carolina .....	271.9	338.6	126.9	186.3	145.0	152.3
Ohio .....	782.5	916.7	(D)	(D)	(D)	(D)
Oklahoma <sup>2</sup> .....	(NA)	55.6	(NA)	(D)	(NA)	(D)
Oregon .....	56.2	57.3	56.2	57.3	-	-
Pennsylvania .....	701.4	768.9	670.0	740.6	31.4	28.3
South Carolina .....	98.4	81.5	76.2	59.2	22.2	22.3
South Dakota .....	68.8	72.8	68.8	72.8	-	-
Texas .....	525.2	498.9	(D)	(D)	(D)	(D)
Utah .....	112.7	120.1	112.7	120.1	-	-
Virginia .....	60.0	63.7	30.5	34.1	29.5	29.6
Washington .....	175.6	172.3	(D)	(D)	(D)	(D)
Wisconsin .....	161.6	192.6	(D)	187.4	(D)	5.2
Other States <sup>3</sup> .....	765.3	781.1	633.4	705.8	131.9	75.3
United States .....	9,170.9	9,495.7	8,024.2	8,322.0	1,146.7	1,173.7

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Not published separately to avoid disclosing individual operations.

## Egg Production in Dozens by Type – States and United States: October 2018 and 2019

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama .....	15,358.3	16,191.7	2,950.0	3,266.7	12,408.3	12,925.0
Arkansas .....	24,900.0	24,858.3	9,608.3	(D)	15,291.7	(D)
California .....	30,891.8	27,599.9	(D)	(D)	(D)	(D)
Colorado .....	10,975.0	11,133.3	(D)	(D)	(D)	(D)
Florida <sup>1</sup> .....	14,000.0	(NA)	13,608.3	(NA)	391.7	(NA)
Georgia .....	35,091.7	35,025.0	17,941.7	18,708.3	17,150.0	16,316.7
Illinois .....	12,608.4	14,233.3	12,266.7	13,925.0	341.7	308.3
Indiana .....	69,425.0	70,691.7	68,116.7	69,408.4	1,308.3	1,283.3
Iowa .....	118,133.3	121,800.0	116,400.0	120,091.7	1,733.3	1,708.3
Kentucky <sup>2</sup> .....	(NA)	10,625.0	(NA)	(D)	(NA)	(D)
Maryland .....	5,858.4	5,425.0	5,733.4	5,283.3	125.0	141.7
Michigan .....	32,583.4	30,258.3	(D)	(D)	(D)	(D)
Minnesota .....	22,316.7	22,450.0	21,825.0	21,891.6	491.7	558.4
Mississippi .....	9,991.6	10,133.3	3,141.6	(D)	6,850.0	(D)
Missouri .....	25,625.0	26,816.6	(D)	23,666.6	(D)	3,150.0
Nebraska .....	17,225.0	19,391.6	16,858.3	18,408.3	366.7	983.3
New York .....	11,516.7	11,874.9	(D)	(D)	(D)	(D)
North Carolina .....	22,625.0	28,225.0	10,158.3	15,091.7	12,466.7	13,133.3
Ohio .....	68,791.6	76,191.7	(D)	(D)	(D)	(D)
Oklahoma <sup>2</sup> .....	(NA)	4,933.4	(NA)	(D)	(NA)	(D)
Oregon .....	4,966.7	5,191.6	4,966.7	5,191.6	-	-
Pennsylvania .....	59,574.9	63,241.7	56,941.6	60,875.0	2,633.3	2,366.7
South Carolina .....	8,391.7	6,950.0	6,500.0	5,050.0	1,891.7	1,900.0
South Dakota .....	6,008.4	6,450.0	6,008.4	6,450.0	-	-
Texas .....	44,000.0	42,983.4	(D)	(D)	(D)	(D)
Utah .....	9,558.3	10,133.4	9,558.3	10,133.4	-	-
Virginia .....	4,658.3	5,308.3	2,158.3	2,816.7	2,500.0	2,491.6
Washington .....	15,583.3	14,358.3	(D)	(D)	(D)	(D)
Wisconsin .....	14,249.9	15,850.0	(D)	15,400.0	(D)	450.0
Other States <sup>3</sup> .....	65,908.6	65,924.9	54,450.3	59,416.6	11,458.3	6,508.3
United States .....	780,817.0	804,249.6	682,100.2	703,883.2	98,716.8	100,366.4

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Not published separately to avoid disclosing individual operations.

## Egg Production in Dozens by Type – States and United States: November 2018 and 2019

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2018	2019	2018	2019	2018	2019
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama .....	14,958.4	15,675.0	2,916.7	3,100.0	12,041.7	12,575.0
Arkansas .....	24,891.6	24,475.0	9,966.6	(D)	14,925.0	(D)
California .....	29,433.4	26,524.9	(D)	(D)	(D)	(D)
Colorado .....	10,716.7	11,075.1	(D)	(D)	(D)	(D)
Florida <sup>1</sup> .....	14,250.0	(NA)	13,908.3	(NA)	341.7	(NA)
Georgia .....	35,441.7	34,833.3	18,916.7	19,033.3	16,525.0	15,800.0
Illinois .....	12,391.7	12,791.7	12,066.7	12,508.4	325.0	283.3
Indiana .....	68,891.7	71,375.0	67,658.4	70,108.3	1,233.3	1,266.7
Iowa .....	114,875.1	118,166.6	113,158.4	116,441.6	1,716.7	1,725.0
Kentucky <sup>2</sup> .....	(NA)	10,349.9	(NA)	(D)	(NA)	(D)
Maryland .....	5,800.0	5,516.7	5,683.3	5,391.7	116.7	125.0
Michigan .....	32,441.7	30,624.9	(D)	(D)	(D)	(D)
Minnesota .....	21,825.1	19,900.1	21,316.7	19,358.4	508.4	541.7
Mississippi .....	9,841.6	9,941.6	3,166.6	(D)	6,675.0	(D)
Missouri .....	25,341.7	25,875.0	(D)	22,825.0	(D)	3,050.0
Nebraska .....	16,916.7	18,783.3	16,500.0	17,783.3	416.7	1,000.0
New York .....	11,258.3	12,058.3	(D)	(D)	(D)	(D)
North Carolina .....	22,658.3	28,216.7	10,575.0	15,525.0	12,083.3	12,691.7
Ohio .....	65,208.3	76,391.6	(D)	(D)	(D)	(D)
Oklahoma <sup>2</sup> .....	(NA)	4,633.4	(NA)	(D)	(NA)	(D)
Oregon .....	4,683.4	4,775.0	4,683.4	4,775.0	-	-
Pennsylvania .....	58,450.0	64,074.9	55,833.3	61,716.6	2,616.7	2,358.3
South Carolina .....	8,200.0	6,791.6	6,350.0	4,933.3	1,850.0	1,858.3
South Dakota .....	5,733.4	6,066.7	5,733.4	6,066.7	-	-
Texas .....	43,766.7	41,575.0	(D)	(D)	(D)	(D)
Utah .....	9,391.6	10,008.4	9,391.6	10,008.4	-	-
Virginia .....	4,999.9	5,308.2	2,541.6	2,841.6	2,458.3	2,466.6
Washington .....	14,633.4	14,358.4	(D)	(D)	(D)	(D)
Wisconsin .....	13,466.6	16,049.9	(D)	15,616.6	(D)	433.3
Other States <sup>3</sup> .....	63,775.0	65,091.6	52,783.3	58,816.7	10,991.7	6,274.9
United States .....	764,242.0	791,307.8	668,683.5	693,499.8	95,558.5	97,808.0

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Not published separately to avoid disclosing individual operations.

**Molted as Percent of Total Layers on the First of the Month – United States: 2018-2019**

Month	Being molted		Molt completed	
	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)
January .....	1.8	1.5	16.4	13.3
February .....	2.9	2.6	16.0	13.0
March .....	1.8	1.5	16.0	13.8
April .....	1.7	1.3	15.4	13.8
May .....	3.1	2.5	14.4	13.2
June .....	3.0	2.1	14.7	13.4
July .....	2.2	2.0	15.0	13.5
August .....	2.2	2.0	14.6	13.4
September .....	2.7	2.0	14.6	13.2
October .....	2.3	1.9	15.2	13.3
November .....	1.6	1.5	14.9	13.3
December .....	1.1	0.9	14.6	13.0

**Molted as Percent of Total Layers – States and United States: November 1 and December 1, 2018-2019**

State	Being molted				Molt completed			
	November 1		December 1		November 1		December 1	
	2018	2019	2018	2019	2018	2019	2018	2019
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama .....	-	1.0	-	0.5	6.5	7.0	5.5	8.0
Arkansas .....	-	1.0	-	0.5	9.5	10.0	9.0	10.0
California .....	0.5	1.0	0.5	0.5	11.5	10.0	10.5	10.0
Colorado .....	-	-	-	-	6.5	8.0	6.0	7.5
Florida <sup>1</sup> .....	5.0	(NA)	2.0	(NA)	34.5	(NA)	34.5	(NA)
Georgia .....	0.5	3.0	-	0.5	12.0	13.0	11.5	14.5
Illinois .....	1.0	-	-	-	11.5	7.0	12.0	5.0
Indiana .....	1.5	-	0.5	-	17.0	17.5	17.5	16.0
Iowa .....	2.5	2.5	2.0	1.5	19.0	17.0	20.0	17.5
Kentucky <sup>2</sup> .....	(NA)	5.0	(NA)	2.0	(NA)	3.0	(NA)	3.5
Maryland .....	-	-	-	-	-	-	-	-
Michigan .....	0.5	1.0	-	1.0	3.5	5.0	3.0	4.0
Minnesota .....	2.5	1.5	1.0	0.5	6.5	3.0	8.5	1.5
Mississippi .....	-	1.0	0.5	-	19.0	21.5	17.5	21.5
Missouri .....	4.0	1.0	-	-	7.5	4.5	11.0	5.0
Nebraska .....	1.5	1.0	5.5	-	12.5	8.5	10.5	6.5
New York .....	-	-	-	-	2.5	9.0	2.0	8.0
North Carolina .....	0.5	-	-	-	7.5	3.5	7.5	3.5
Ohio .....	3.5	2.5	4.5	1.0	24.0	15.0	22.0	13.5
Oklahoma <sup>2</sup> .....	(NA)	-	(NA)	-	(NA)	6.0	(NA)	-
Oregon .....	-	1.5	-	-	5.5	-	5.0	1.5
Pennsylvania .....	0.5	-	-	2.5	2.0	2.0	2.5	2.0
South Carolina .....	2.5	2.5	-	-	18.5	22.0	20.5	22.5
South Dakota .....	-	-	-	-	6.5	3.0	3.5	3.0
Texas .....	1.0	4.5	0.5	1.0	37.0	39.0	33.5	39.5
Utah .....	-	0.5	-	-	28.5	26.5	24.5	25.5
Virginia .....	-	-	-	-	8.0	-	8.0	-
Washington .....	1.5	-	5.5	1.5	13.5	15.0	13.0	13.0
Wisconsin .....	3.0	-	-	-	17.0	6.5	17.0	1.5
Other States <sup>3</sup> .....	1.7	2.4	1.0	1.7	15.2	21.5	14.0	22.2
United States .....	1.6	1.5	1.1	0.9	14.9	13.3	14.6	13.0

- Represents zero.

(NA) Not available.

<sup>1</sup> Included in Other States in 2019.

<sup>2</sup> Included in Other States in 2018.

<sup>3</sup> Includes data for States not published in this table.

## Hatchery Production – United States: 2018 and 2019

Item	2018	2019	2019 as percent of 2018
	(1,000)	(1,000)	(percent)
<b>Egg-type</b>			
Eggs in incubators on December 1 .....	50,469	47,915	95
Chicks hatched during November .....	47,043	47,893	102
Chicks hatched January through November .....	587,582	584,911	100
<b>Pullets hatched during November for intended placements:</b>			
Hatchery supply flocks .....	242	198	82
Cumulative potential placements 7-18 months earlier <sup>1</sup> .....	2,776	2,669	96
<b>Broiler-type</b>			
Eggs in incubators on December 1 .....	692,140	709,248	102
Chicks hatched during November .....	767,008	795,078	104
Chicks hatched January through November .....	8,880,981	9,045,780	102
<b>Pullets hatched during November for intended placements:</b>			
Hatchery supply flocks .....	7,901	8,165	103
Cumulative potential placements 7-15 months earlier <sup>2</sup> .....	70,010	71,306	102

<sup>1</sup> 2019 includes pullet chicks hatched May 2018 through April 2019.

<sup>2</sup> 2019 includes pullet chicks hatched August 2018 through April 2019.

## Egg-Type Eggs in Incubators on the First of the Month – United States: 2018 and 2019

Item	2018	2019	2019 as percent of 2018
	(1,000)	(1,000)	(percent)
January .....	46,738	51,432	110
February .....	51,140	55,001	108
March .....	56,234	53,586	95
April .....	56,069	58,422	104
May .....	56,063	55,489	99
June .....	50,184	51,648	103
July .....	46,193	47,615	103
August .....	46,268	47,490	103
September .....	50,036	47,878	96
October .....	51,647	48,512	94
November .....	45,096	48,069	107
December .....	50,469	47,915	95

## Egg-Type Chicks Hatched by Month – United States: 2018-2019

[Blank data cells indicate estimation period has not yet begun]

Month	By months			Cumulative		
	2018	2019	2019 as percent of 2018	2018	2019	2019 as percent of 2018
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January .....	51,900	56,219	108	51,900	56,219	108
February .....	50,148	52,182	104	102,048	108,401	106
March .....	58,147	55,658	96	160,195	164,059	102
April .....	58,986	60,668	103	219,181	224,727	103
May .....	59,756	60,816	102	278,937	285,543	102
June .....	53,019	51,858	98	331,956	337,401	102
July .....	50,806	50,919	100	382,762	388,320	101
August .....	53,207	46,246	87	435,969	434,566	100
September .....	49,610	50,386	102	485,579	484,952	100
October .....	54,960	52,066	95	540,539	537,018	99
November .....	47,043	47,893	102	587,582	584,911	100
December .....	46,370			633,952		



## Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month – United States: 2018-2020

[Blank data cells indicate estimation period has not yet begun]

Month	Pullet chicks hatched		2019 as percent of 2018	Cumulative potential placements relative to current supply flocks 7-18 months earlier <sup>1</sup>	
	2018	2019		2019	2020
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January .....	251	268	107	2,446	2,791
February .....	148	201	136	2,402	2,887
March .....	195	189	97	2,468	2,818
April .....	205	295	144	2,446	2,954
May .....	185	215	116	2,468	2,882
June .....	178	270	152	2,509	2,838
July .....	159	255	160	2,515	
August .....	263	194	74	2,476	
September .....	150	286	191	2,524	
October .....	271	199	73	2,579	
November .....	242	198	82	2,669	
December .....	268			2,699	
Total .....	2,515				

<sup>1</sup> For November 2019, includes breeder pullet chicks hatched May 2018 through April 2019. The 7-18 months represent the first laying cycle. Molting and additional laying cycles will increase the cumulative potential placements.

## Broiler-Type Eggs in Incubators on the First of the Month – United States: 2018 and 2019

Item	2018	2019	2019 as percent of 2018
	(1,000)	(1,000)	(percent)
January .....	680,865	683,669	100
February .....	674,818	687,593	102
March .....	683,932	693,433	101
April .....	683,441	695,057	102
May .....	691,648	701,875	101
June .....	696,163	704,340	101
July .....	689,500	693,367	101
August .....	687,888	699,363	102
September .....	672,199	693,656	103
October .....	648,499	673,142	104
November .....	647,856	674,321	104
December .....	692,140	709,248	102

## Broiler-Type Chicks Hatched – States and United States: November 2018 and 2019

State	During November			January-November		
	2018	2019	2019 as percent of 2018	2018	2019	2019 as percent of 2018
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama .....	104,986	109,725	105	1,185,581	1,221,013	103
Arkansas .....	81,202	79,544	98	951,612	954,516	100
Delaware .....	16,963	18,745	111	200,025	204,693	102
Florida .....	4,208	4,169	99	45,246	46,504	103
Georgia .....	115,686	115,960	100	1,357,758	1,358,059	100
Kentucky .....	24,143	25,820	107	295,349	296,961	101
Louisiana .....	13,118	12,582	96	140,640	144,284	103
Maryland .....	27,720	27,503	99	320,194	314,459	98
Mississippi .....	64,134	63,565	99	731,942	734,336	100
Missouri .....	27,992	29,224	104	327,505	335,169	102
North Carolina .....	75,157	85,673	114	868,540	930,189	107
Oklahoma .....	25,399	24,937	98	294,850	293,655	100
Pennsylvania .....	18,641	19,263	103	217,212	213,555	98
South Carolina .....	19,055	19,676	103	221,846	222,877	100
Texas .....	55,865	59,403	106	631,429	673,661	107
Virginia .....	20,818	22,475	108	249,920	251,390	101
California, Tennessee, and West Virginia .....	39,852	41,365	104	476,264	467,350	98
Other States <sup>1</sup> .....	32,069	35,449	111	365,068	383,109	105
United States .....	767,008	795,078	104	8,880,981	9,045,780	102

<sup>1</sup> Not published separately to avoid disclosing data for individual operations.

## Broiler-Type Chicks Hatched by Month – United States: 2018-2019

[Blank data cells indicate estimation period has not yet begun]

Month	By months			Cumulative		
	2018	2019	2019 as percent of 2018	2018	2019	2019 as percent of 2018
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January .....	823,159	828,596	101	823,159	828,596	101
February .....	735,151	749,845	102	1,558,310	1,578,441	101
March .....	828,209	836,472	101	2,386,519	2,414,913	101
April .....	803,046	817,559	102	3,189,565	3,232,472	101
May .....	839,138	855,746	102	4,028,703	4,088,218	101
June .....	822,100	832,018	101	4,850,803	4,920,236	101
July .....	844,737	848,560	100	5,695,540	5,768,796	101
August .....	840,163	853,455	102	6,535,703	6,622,251	101
September .....	787,754	813,807	103	7,323,457	7,436,058	102
October .....	790,516	814,644	103	8,113,973	8,250,702	102
November .....	767,008	795,078	104	8,880,981	9,045,780	102
December .....	826,760			9,707,741		

## Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2018-2020

[Blank data cells indicate estimation period has not yet begun]

Month	Pullet chicks hatched		2019 as percent of 2018	Cumulative potential placements relative to current supply flocks 7-15 months earlier <sup>1</sup>	
	2018 (1,000 chicks)	2019 (1,000 chicks)		2019 (1,000 chicks)	2020 (1,000 chicks)
<b>United States placements</b>					
January .....	7,133	7,478	105	70,216	72,170
February .....	7,579	7,882	104	70,100	73,411
March .....	8,088	8,222	102	70,500	73,604
April .....	7,688	7,339	95	71,182	73,624
May .....	8,282	8,767	106	71,318	73,677
June .....	8,319	8,717	105	71,640	73,960
July .....	7,473	8,510	114	72,147	
August .....	8,343	8,094	97	72,314	
September .....	8,277	8,615	104	71,895	
October .....	7,269	7,531	104	71,440	
November .....	7,901	8,165	103	71,306	
December .....	8,595			71,730	
Annual total .....	94,947				
<b>Total placements <sup>2</sup></b>					
January .....	8,817	8,957	102		
February .....	9,458	9,525	101		
March .....	9,782	10,161	104		
April .....	9,334	9,146	98		
May .....	10,178	10,797	106		
June .....	10,140	10,606	105		
July .....	8,843	10,444	118		
August .....	10,102	9,763	97		
September .....	9,886	10,468	106		
October .....	8,971	9,063	101		
November .....	9,720	9,687	100		
December .....	10,470				
Annual total .....	115,701				

<sup>1</sup> For November 2019, includes breeder pullet chicks hatched August 2018 through April 2019.

<sup>2</sup> United States production of intended placements worldwide.

## Statistical Methodology

**Survey Procedures:** Primary data for the *Chickens and Eggs* report are from weekly and/or monthly questionnaires sent to producers. An attempt is made to collect information for layer and egg estimates from each known contractor and independent producer who has at least 30,000 table egg layers, flocks of hatchery supply layers, or pullet only operations with at least 500 pullets. Coverage for operations with less than 30,000 table egg layers are estimated each month based on data reported in December. Approximately 500 contractors, independent egg producers, and pullet only operations are contacted each month. Data for broiler hatchery estimates are collected weekly from all broiler-type hatcheries that hatch at least one million chicks a year. Data for egg-type hatchery estimates are collected monthly from all egg-type hatcheries that hatch at least 50,000 chicks a year.

**Estimating Procedures:** Sound statistical methodology is employed to derive estimates from the reported data. All data are analyzed for unusual values. Data from each operation are compared to their own past operating profile and to trends from similar operations. Data for missing operations are estimated based on similar operations or historical data. NASS regional field offices prepare these estimates by using a combination of survey indications and historic trends. Individual State estimates are reviewed by the Agricultural Statistics Board for reasonableness.

For chicken hatcheries, chicks hatched consist of all chicks of domesticated breeds including males and chicks destined for hatchery supply flocks and research purposes. Eggs set are eggs in incubators for the purpose of hatching. The relationship of egg-type chicks hatched to chicken inventory and poultry marketings are carefully monitored. The disposition of egg-type chicks hatched prior to placement into the laying flock can vary significantly, which can make comparisons to changes in layer inventory inconsistent over time. Broiler chicks placed are specifically for meat production. Intended placement data reported by leading breeders include pullet chicks expected from eggs sold the preceding month. The breeders in this report account for a large percentage of replacement pullets for hatchery supply flocks. Production of replacement pullets by these breeders indicates the number of pullets available to hatchery supply layer flocks several months before the pullets will actually move into the laying flocks. "Hatchery Supply Flocks" include all generations of layers which could lay eggs to supply a hatchery. This includes the generations of parents, grandparents, great-grandparents, pedigree, etc. Also included are research flocks, vaccine flocks, and specific pathogen-free flocks. The broiler cumulative potential placements are a moving total of the intended placements 7-15 months earlier. The egg-type cumulative potential placements of 7-18 months earlier represent the first laying cycle. Molting and additional laying cycles will increase the cumulative potential placements of egg-type hatching flocks.

**Revision Policy:** The previous month's estimates are subject to revision if late reports or corrected data indicates a different level. Additionally, revisions after the monthly report will be made at the end of the marketing year and published in the annual reports of *Chickens and Eggs Summary* and *Hatchery Production Summary*. Estimates will also be reviewed for chickens and eggs after data from the 5-year Census of Agriculture are available. No revisions will be made after that date.

**Reliability:** Estimates are based on a census of all known contractors and independent producers who have at least 30,000 table egg layers, flocks of hatchery supply layers, pullet only operations with at least 500 pullets, or operating hatcheries and therefore, have no sampling error. However, estimates are subject to errors such as omission, duplication, and mistakes in reporting, recording, and processing the data. While these errors cannot be measured directly, they are minimized through strict quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

To assist in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the following table. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between first and final estimates. The "Root Mean Square Error" for total layers over the past 24 months is 1.2 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 402 million layers by more than 1.2 percent. Chances are 9 out of 10 that the difference will not exceed 2.0 percent.

## Reliability of Layer and Egg Estimates

[Based on data for the past 24 months]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Months	
						Below latest	Above latest
Total layers .....	(percent) 1.2	(percent) 2.0	(1,000) 3,547	(1,000) -	(1,000) 8,088	(number) 21	(number) 2
Eggs .....	1.2	2.1	(million) 85.3	(million) -	(million) 203	20	3

- Represents zero.

## Terms and Definitions of Chickens and Eggs Estimates

**Total Layers** includes both table egg and hatching egg flocks regardless of size.

**Intended Placements** are reported by leading breeders. Coverage may not be 100 percent. Includes expected pullet chicks from eggs sold during the preceding month at the rate of 125 pullet chicks per case of 30 dozen eggs.

**Molted Layers** is the same data series as the previously published Forced Molt Layers. Nomenclature changed as of January 2015.

## Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@nass.usda.gov](mailto:nass@nass.usda.gov)

Travis Averill, Chief, Livestock Branch .....	(202) 692-0069
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Holly Brenize – Poultry Slaughter .....	(202) 720-0585
Alissa Cowell-Mytar – Cold Storage, Capacity of Refrigerated Warehouses .....	(202) 720-4751
Liana Cuffman – Catfish and Trout, Mink, Census of Aquaculture .....	(202) 720-8784
Fatema Haque – Turkey Hatchery, Turkeys Raised .....	(202) 690-3244
Kim Linonis – Layers, Eggs, Egg Products .....	(202) 690-3676
Adam Peters – Honey, Honey Bee Colonies .....	(202) 690-3237
Takiyah Walker – Broiler Hatchery, Chicken Hatchery .....	(202) 720-6147

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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@usda.gov](mailto:nass@usda.gov).

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